

WEST Search History for Application 10525932

Creation Date: 2008061723:59

Query	DB	Op.	Plur.	Thes.	Date
((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-17-2008
((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))) and ((parallel with imag\$4) or "PI")	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-17-2008
((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and ((parallel with imag\$4) or "PI")) and (rotary with switch\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			06-17-2008
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"set" or multiple or "multi" or array or unit)) and (coil or antenna or winding or probe)	DWPI, TDBD			
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<p>or dual) with (coil or antenna or winding or probe)) and (rf or radiofrequency or radio-frequency or "radio frequency") and (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) same (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter)) and ((coil or antenna or winding or probe or conduct\$3) same (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter)) and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (((324/300 324/301 324/302 324/303 324/304 324/305 324/306 324/307 324/308 324/309 324/310 324/311 324/312 324/313 324/314 324/315 324/316 324/317 324/318 324/319 324/320 324/321 324/322).ccls.) or ((600/407 600/408 600/409 600/410 600/411 600/412 600/413 600/414 600/415 600/416 600/417 600/418 600/419 600/420 600/421 600/422 600/423 600/424 600/425 600/426 600/427 600/428 600/429 600/430 600/431 600/432 600/433 600/434 600/435).ccls.)) and (sid\$4)) and (channel\$3 or "line" or port or band)</p>			
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(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and ((parallel with imag\$4) or "PI") and ((switch\$4) same ((parallel with imag\$4) or "PI")) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) with (coil or antenna or winding or probe)) and (rf or radiofrequency or radio-frequency or "radio frequency")	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008

and (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) same (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter)) and ((coil or antenna or winding or probe or conduct\$3) same (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter) and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (((324/300 [324/301 [324/302 [324/303 [324/304 [324/305 [324/306 [324/307 [324/308 [324/309 [324/310 [324/311 [324/312 [324/313 [324/314 [324/315 [324/316 [324/317 [324/318 [324/319 [324/320 [324/321 [324/322).ccls.) or ((600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435).ccls.)) and (sid\$4) and (channel\$3 or "line" or port or band) and (combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4))				
visser.in.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(visser.in.) and (((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)) and ((parallel with imag\$4) or "PI") and ((switch\$4) same ((parallel with imag\$4) or "PI")) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) with (coil or antenna or winding or probe)) and (rf or radiofrequency or radio-frequency or "radio frequency")))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(visser.in.) and (fetzner)	PGPB, USPT, USOC, EPAB,	ADJ		06-17-2008

	JPAB, DWPI, TDBD			
doddrell.in.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(doddrell.in.) and (((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(doddrell.in. and (((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))))) and (((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))) and ((parallel with imag\$4) or "PI")))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(doddrell.in. and (((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))))) and (mamography or breast or mammography)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
okamoto.in.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(okamoto.in.) and (fetzner)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
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	USPT, PGPB			
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and ((parallel with imag\$4) or "PI") and (rotary with switch\$4) and ((rotary with switch\$4) same ((parallel with imag\$4) or "PI")) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) with (coil or antenna or winding or probe)) and (combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) and (rf or radiofrequency or radio-frequency or "radio frequency"))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and ((parallel with imag\$4) or "PI") and (rotary with switch\$4) and ((rotary with switch\$4) same ((parallel with imag\$4) or "PI")) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) with (coil or antenna or winding or probe)) and (combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) and (rf or radiofrequency or radio-frequency or "radio frequency")) and ((rotary) same (phas\$3) same (array or matrix))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and ((parallel with imag\$4) or "PI")) and ((rotary) same (phas\$3) same (array or matrix))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))) and (rf or radiofrequency or radio-frequency or "radio frequency"))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))	PGPB, USPT,	ADJ		06-17-2008

electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency")) and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)	USOC, EPAB, JPAB, DWPI, TDBD			
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix)) and (coil or antenna or winding or probe)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe)) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe))) and (parallel or "PI" or "PPA")	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality	PGPB, USPT, USOC, EPAB, JPAB,	ADJ		06-17-2008

or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA")) and (electric or electrically or electrical or current or conduct\$3)	DWPI, TDBD			
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3)) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3))) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4 or element))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA")) and (electric or electrically or electrical or current or conduct\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008

or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4 or element))) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity)				
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(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity)) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008

or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4 same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4)				
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4 same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4)) and ((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4 same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4)) and ((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008

or join\$4) same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4) and ((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) and (((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) same ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)))				
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(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ		06-17-2008

<p>pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4) and ((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) and (((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) same ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3))) and (even or evenly or equal or equally or equi-angular\$2 or equidistant\$2 or equidistance or equi-distan\$3 or equiangular\$2)) and (space or spacing or spaced or gap)</p>	TDBD			
<p>(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4) and ((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) and (((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) same ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3))) and (even or evenly or equal or equally or equi-angular\$2 or equidistant\$2 or equidistance or equi-distan\$3 or equiangular\$2)) and (space or spacing or spaced or gap)</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		06-17-2008

tilt\$3 or rotat\$4)) and (((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) same ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3))) and (even or evenly or equal or equally or equi-angular\$2 or equidistant\$2 or equidistance or equi-distan\$3 or equiangular\$2) and (space or spacing or spaced or gap)) and ((rf or radiofrequency or radio-frequency or "radio frequency") same (coil or antenna or winding or probe))				
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(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or	PGPB, USPT, USOC,	ADJ		06-17-2008

<p>radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or across or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4) and ((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) and (((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) same ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3))) and (even or evenly or equal or equally or equi-angular\$2 or equidistant\$2 or equidistance or equi-distan\$3 or equiangular\$2) and (space or spacing or spaced or gap) and ((rf or radiofrequency or radio-frequency or "radio frequency") same (coil or antenna or winding or probe)) and ((array or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and ((opposit\$3 or opposing or opposed or perpendicular\$3 or across or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) same (space or spacing or spaced or gap))</p>	EPAB, JPAB, DWPI, TDBD			
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<p>independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4) and ((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) and (((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) same ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and (even or evenly or equal or equally or equi-angular\$2 or equidistant\$2 or equidistance or equi-distan\$3 or equiangular\$2) and (space or spacing or spaced or gap) and ((rf or radiofrequency or radio-frequency or "radio frequency") same (coil or antenna or winding or probe) and ((array or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and ((opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) same (space or spacing or spaced or gap))) and (amplitude)</p>					
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probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) same ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3))) and (even or evenly or equal or equally or equi-angular\$2 or equidistant\$2 or equidistance or equi-distan\$3 or equiangular\$2) and (space or spacing or spaced or gap) and ((rf or radiofrequency or radio-frequency or "radio frequency") same (coil or antenna or winding or probe)) and ((array or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and ((opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) same (space or spacing or spaced or gap)) and (amplitude)) and (phas\$3)			
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(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (rf or radiofrequency or radio-frequency or "radio frequency") and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3) and (plurality	PGPB, USPT, USOC, EPAB, JPAB,	ADJ		06-17-2008

<p>or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) and (coil or antenna or winding or probe) and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and (parallel or "PI" or "PPA") and (electric or electrically or electrical or current or conduct\$3) and ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)) and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4 or element)) and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity) and (opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) and (angle or angled or angling or tilt\$3 or rotat\$4) and (((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4)) and (((coil or antenna or winding or probe) same (angle or angled or angling or tilt\$3 or rotat\$4))) same ((electric or electrically or electrical or current or conduct\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3))) and (even or evenly or equal or equally or equi-angular\$2 or equidistant\$2 or equidistance or equi-distan\$3 or equiangular\$2) and (space or spacing or spaced or gap) and ((rf or radiofrequency or radio-frequency or "radio frequency") same (coil or antenna or winding or probe)) and ((array or pair\$3 or duo or duel or dual or matrix) with (coil or antenna or winding or probe)) and ((opposit\$3 or opposing or opposed or perpendicular\$3 or accross or across or ("either" with side) or orthogonal\$4 or diametric\$4 or diameter) same (space or spacing or spaced or gap)) and (amplitude) and (phas\$3) and (switch\$4) and ((parallel with imag\$4) or "PI" or "PPA")) and ((rotary or rotat\$4) same (switch\$4))</p>	DWPI, TDBD				
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('4835472' '4996481' '5323113' '5689187' '5929639' '6487436')![pn]	USPT, PGPB	ADJ		06-17-2008

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('5160891' '5370118' '5399970' '5664568' '5861749' '5951474' '6356081' '6377044' '6469506' '6549799' '20020156362')![pn]	USPT, PGPB	ADJ		06-17-2008
6870368	PGPB, USPT	ADJ		06-17-2008
('5122749' '5666055' '5861749' '6597173' '6825660' '6870368')![pn]	USPT, PGPB	ADJ		06-17-2008
('5122749' '5666055' '5861749' '6597173' '6825660' '6870368')![pn]	USPT, PGPB	ADJ		06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))) and (((electric or electrically or electrical or current or wir\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4)) same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))) and ((coil or antenna or winding or probe) same (array or element or group or plurality or multiple) same (angl\$3 or flip\$4 or tip\$4 or rotat\$3 or nutat\$3 or diagonal\$3 or oblique\$2) same ((electric or electrically or electrical or current or wir\$3) same	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	06-17-2008

(separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4) same (pair\$2 or duo or dual or "set") same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side) same (space or zone or region or area or volume))				
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))) and ((radiofrequency or radio-frequency or RF or "radio frequency") same (magnetic) same (resonan\$2) same (coil or antenna or winding or probe) same (array or element or group or plurality or multiple) same (angl\$3 or flip\$4 or tip\$4 or rotat\$3 or nutat\$3 or diagonal\$3 or oblique\$2) same ((electric or electrically or electrical or current or wir\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4) same (pair\$2 or duo or dual or "set") same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side) same (space or zone or region or area or volume)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	06-17-2008
(((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))) and ((radiofrequency or radio-frequency or RF or "radio frequency") same (coil or antenna or winding or probe) same (array or element or group or plurality or multiple) same (angl\$3 or flip\$4 or tip\$4 or rotat\$3 or nutat\$3 or diagonal\$3 or oblique\$2) same ((electric or electrically or electrical or current or wir\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4) same (pair\$2 or duo or dual or "set") same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side) same (space or zone or region or area or volume)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	06-17-2008
((radiofrequency or radio-frequency or RF or "radio frequency") same (coil or antenna or winding or probe) same (array or element or group or plurality or multiple) same (angl\$3 or flip\$4 or tip\$4 or rotat\$3 or nutat\$3 or diagonal\$3 or oblique\$2) same ((electric or electrically or electrical or current or wir\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4) same (pair\$2 or duo or dual or "set") same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side) same (space or zone or region or area or volume)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	06-17-2008
((radiofrequency or radio-frequency or RF or "radio frequency") same (magnetic) same (resonan\$2) same (coil	PGPB, USPT,	ADJ	YES	06-17-2008

or antenna or winding or probe) same (array or element or group or plurality or multiple) same (angl\$3 or flip\$4 or tip\$4 or rotat\$3 or nutat\$3 or diagonal\$3 or oblique\$2) same ((electric or electrically or electrical or current or wir\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4) same (pair\$2 or duo or dual or "set") same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side) same (space or zone or region or area or volume))	USOC, EPAB, JPAB, DWPI, TDBD			
(((324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/309 1324/310 1324/311 1324/312 1324/313 1324/314 1324/315 1324/316 1324/317 1324/318 1324/319 1324/320 1324/321 1324/322).ccls.) or (((600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435).ccls.)) and (((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (((electric or electrically or electrical or current or wir\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4)) same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	06-17-2008
(((324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/309 1324/310 1324/311 1324/312 1324/313 1324/314 1324/315 1324/316 1324/317 1324/318 1324/319 1324/320 1324/321 1324/322).ccls.) or (((600/407 1600/408 1600/409 1600/410 1600/411 1600/412 1600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435).ccls.)) and (((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric))) and (((electric or electrically or electrical or current or wir\$3) same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4)) same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side))) and (((radiofrequency or radio-frequency or RF or "radio frequency") same (coil or antenna or winding or probe) same (array or element or group or plurality or multiple) same (angl\$3 or flip\$4 or tip\$4 or rotat\$3 or nutat\$3 or diagonal\$3 or oblique\$2) same ((electric or electrically or electrical or current or wir\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	06-17-2008

same (separat\$3 or individual\$2 or independent\$2 or respectiv\$3 or isolat\$4) same (pair\$2 or duo or dual or "set") same (main or primary) same (conduct\$3) same (parallel) same (direction or axis) same (opposite or oppos\$3 or reverse\$1) same (side) same (space or zone or region or area or volume))				
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